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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2008

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)

### Complete if Known

Application Number	10/722,357
Filing Date	November 24, 2003
First Named Inventor	Michela Gallagher
Examiner Name	Charlesworth E. Rae
Art Unit	1614
Attorney Docket No.	JHUC-008-101

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_  
 Deposit Account Deposit Account Number: 18-1945 Deposit Account Name: Ropes & Gray LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues) 50 25

Each independent claim over 3 (including Reissues) 210 105

Multiple dependent claims 370 185

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
-	=	x	=	HP = highest number of total claims paid for, if greater than 20.		

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
-	=	x	=	HP = highest number of independent claims paid for, if greater than 3.	

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

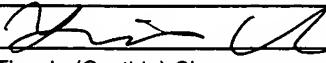
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
-	100 =	/50 = (round up to a whole number) x	=	

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	61,193	Telephone	(617) 951-7377
Name (Print/Type)	Tianxin (Cynthia) Chen			Date	December 18, 2007

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 12/18/07

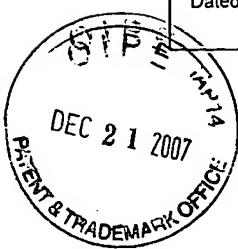
Signature:  (Olufunke M. Tandoh)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 12/18/07

Signature: Olufunke M. Tandoh  
(Olufunke M. Tandoh)

Docket No.: JHUC-008-101



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Charlesworth E. Rae  
Group Art Unit : 1614  
Applicants : Michela Gallagher et al.  
Application No. : 10/722,357  
Confirmation No. : 4705  
Filed : November 24, 2003  
For : TARGET FOR THERAPY OF COGNITIVE IMPAIRMENT

Boston, Massachusetts  
December 18, 2007

**MS Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

12/21/2007 SDENB0B3 00000013 181945 10722357  
01 FC:1806 180.00 DA

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make of record the following documents:\*

\* For the Examiner's convenience, applicants have also enclosed a completed Form PTO/SB/08A, listing these documents.

**Foreign Applications**

PCT Publication No. WO 01/12184, February 22, 2001

PCT Publication No. WO 03/070965, August 28, 2003

European Publication No. EP 1 270 567 A1, January 2, 2003

**Other Documents**

Liang Z., et al, "Effects of estrogen treatment on glutamate uptake in cultured human astrocytes derived from cortex of Alzheimer's disease patients," *Journal of Neurochemistry*, 80(5):807-814 (2002).

Ueda, Y. and Willmore, L.J., "Molecular regulation of glutamate and GABA transporter proteins by valproic acid in rat hippocampus during epileptogenesis," *Experimental Brain Research*, 133(3):334-339 (2000).

**REMARKS**

Applicants respectfully request that the above documents be (1) fully considered by the Examiner during the course of the examination of this application and (2) printed on any patent issuing from this application. Applicants also request that a copy of the enclosed Form PTO/SB/08A duly initialed by the Examiner be forwarded to the undersigned with the next communication.

Applicants have become aware of the following documents, cited in a Supplementary European Search Report issued August 27, 2007, during the prosecution of the European Patent Application No. 03808425.7-2402, which corresponds to the above referenced application. Applicants hereby submit these documents for the Examiner's consideration. Applicants have listed these documents on the enclosed PTO Form SB/08. Applicants have also enclosed a copy of the Supplementary European Search Report and of each document required under 37 CFR § 1.98(a)(2).

This Information Disclosure Statement is filed more than three months after the U.S. filing date, AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicant submits herewith copies of the cited foreign patents and non-patent documents in accordance with 37 C.F.R. § 1.98(a)(2).

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

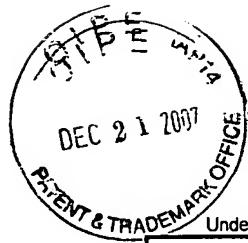
Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR § 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. JHUC-008-101. A duplicate copy of this paper is enclosed.

Dated: December 18, 2007

Respectfully submitted,

By   
Tianxin (Cynthia) Chen, Ph.D., J.D.

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PTO/SB/92 (10-07)

Approved for use through 10/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application No. (if known): 11/058,734

Attorney Docket No.: JHUC-008-102

## Certificate of Mailing under 37 CFR 1.8

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on December 18, 2007  
Date

Signature

Olufunke M. Tandoh

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (7 References) (1 page)